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54 **Measurement of electroactive species in solution.**

57 In order to improve the sensitivity of electrochemical assays based on an electrochemical system capable of generating a current, where the system comprises as components an enzyme, a substrate, and a mediator, with the mediator mediating transfer of electrons between the enzyme and an electrode while the enzyme is catalysing a reaction of the substrate, the mediator is indirectly linked with the electrode by a compound capable of accumulating electrical charge for measurement after a delay period.

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EUROPEAN SEARCH REPORT

Application Number

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,A	EP-A-0 125 867 (GENETICS INTERNATIONAL INC.) ---		G 01 N 33/53 G 01 N 27/00 C 12 Q 1/00 C 12 M 1/40
D,A	EP-A-0 125 137 (GENETICS INTERNATIONAL INC.) ---		
D,A	EP-A-0 127 958 (GENETICS INTERNATIONAL INC.) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 01 N C 12 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-01-1990	Examiner CARTAGENA Y ABELLA P.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			